

# MILITARY CARGO PARACHUTE G-11B/C/D

Updated: April 15, 2021

All parachute assemblies are qualified, manufactured and inspected in strict accordance with current applicable MIL-DTL-7620 and MIL-STD-849.

Cargo Parachute Systems  
100 feet diameter

Part number	G-11B/C	G-11D
Complete set (NSN)	11-1-2566 (1670-01-016-7841)	51C6718 (1670-00-269-1107)
Canopy	11-1-1501-2	48J7841-3
Risers (3)	11-1-12568-1	11-1-12568-1
Deployment bag	11-1-3019	11-1-3019
Center line	11-1-3445	N/A
Anchor shackle (optional)	11-1-1631	11-1-1631
Reefing line cutter bracket (optional)	11-1-184	11-1-184

Specification	G-11B/C	G-11D
Canopy shape	Flat circular	Flat circular
Canopy diameter [ft]	100, nominal	100, nominal
Number of gores	120	120
Canopy material	PIA-C-7020 Type II	PIA-C-7020 Type II
Standard color	Olive green	Olive green
Suspension line material	PIA-C-5040 Type III	PIA-C-5040 Type III
Suspension line length [ft]	35	35
Suspension riser length [ft]	60	60
Suspension line tensile strength [lbf]	550	550
Assembled weight [lbs]	250	250
Payload capacity, max. [lbs/canopy]	5,000	4,250
Deployment altitude, min. [ft. AGL]	700	700
Center line length [ft]	100	N/A

The G-11 cargo parachute provides air delivery of vehicular and bulk-type platform loads. It may be used singly or in clusters of two or more.

The G-11 100 feet cargo parachute assembly was developed primarily for platform airdrops and continues to be the only cargo parachute of heavy size which is readily available for military use. The G-11 can be used singularly or in clusters of two or more, depending upon air delivery load weight, and can be dropped from minimum altitudes ranging from 700 to 1,300 feet AGL. In its basic configuration, the G-11 is capable of supporting a 5,000 lbs pound payload and when in a cluster of eight, the assembly is capable of supporting up to 42,000 lbs.

- Capable of supporting up to 42,000 lbs, when in a cluster of eight (8)
- Can be used singly or in clusters of two or more, depending upon air delivery load weight
- Designed for deceleration and stabilization of vehicular and bulk-type platform air delivery cargo loads

### Canopy assembly

The canopy assembly consists of a 100 feet diameter nylon canopy, with suspension lines numbered counter-clockwise, 1 through 120, and three riser assemblies, each composed of four suspension risers, terminating in three riser attaching loops. A link assembly connects each of the twelve (12) suspension risers to ten (10) consecutively numbered suspension lines.

### Deployment bag

There are two deployment bags used with the 100 feet G-11 parachute, the cotton deployment bag and the nylon deployment bag. The cotton bags and the nylon bag are of the locking-closure type. The cotton bag has larger locking stow loops to accommodate the center line used in the model G-11B and G-11C parachutes. The cotton bag also has additional grommets to secure two additional reefing line cutters on the model G-11B and G-11D parachute. The nylon bag also has larger locking stow loops to accommodate the center line.

### Deployment bag bridle

The deployment bag bridle consists of a main webbing strap with four webbing branch straps. The main strap contains the canopy attaching loop at the lower end. The branch straps are attached to the G-11 deployment bag by four (4) connector links.

### Difference between models

Model	Difference
G-11B	Uses 100 feet centerline to pull down canopy vent and four (4) 16.5 feet M-21 reefing line cutters with 2 seconds delay
G-11C	Uses 100 feet centerline to pull down canopy vent and two (2) 10 feet M-21 reefing line cutters with 2 seconds delay
G-11D	No centerline Uses four (4) 12 feet M-21 reefing line cutters with 2 seconds delay

